

REMARKS

Reconsideration and reexamination of this application is respectfully requested.

Claims 1 – 18 are pending in the Application.

Claims 1 and 2 have been withdrawn from consideration.

Claims 3-18 remain for consideration. Claim 17 has been cancelled.

Claims 4-18 depend from 3 and therefore would be allowable if the rejection of claim 3 can be overcome.

Amended claim 3 states, in part:

3 (currently amended) A method for generating $H_9O_4^+$, said method comprising the steps in operable order:

- (i) subjecting pure water to at least one of mechanical agitation and magnetic perturbation;
- (ii) mixing reagent grade sulfuric acid in said water whereby an aqueous sulfuric acid solution is formed;

In support of the amendment to claim 3, the specification states on page 20:

EXAMPLE #1

“600 gallons of pure water was placed in a non-magnetic mixing tank”:

Any one having ordinary skill in the art who does not know what “pure water is” may refer to the Internet and type in “pure water “ and he will be presented with many publications regarding the composition ranges, manufacture and uses of “pure water” Attached to this response is a copy of the first page of this long list of articles.

The additional amendment to claim 3 regarding addition of reagent grade sulfuric acid is supported on page 20 line 11.

“ Reagent grade sulfuric acid is added to the water to create a 3.0 molas solution”.

Any one having ordinary skill in the art knows what is “reagent grade sulfuric acid”

The Examples presented in the specification including the addition of pure water (as defined by the references on the Internet and reagent grade sulfuric acid provide clear instructions that enable any one having ordinary skill in

the art to make and use the invention thereby overcoming the rejection under 35 USC 112.

It is therefore believed that amended claim 3 is in condition for allowance.

All remaining claims depend from claim 3 and should be allowed for at least the same reasons as for allowing claim 3

Allowance of all remaining claims is earnestly solicited.

Respectfully submitted.

Example of References to manufacture and uses of pure water listed on internet

Preferences

Web Results 1 - 10 of about 1,120,000 for **pure water for semiconductor manufacturing**. (0.29 seconds)

Pure water manufacturing apparatus - Patent 4664793

In a manufacturing line which requires cooler **pure water** of about 35° C. or lower,

as in the case of a **semiconductor manufacturing** line, the entire line ...

<http://www.freepatentsonline.com/4664793.html> - 28k - Cached - Similar pages

Process for producing ultra-pure water, and configuration for ...

The invention relates to a process for producing **ultra-pure water** for a **semiconductor**

manufacturing plant via **water treatment and purification steps** and to ...

<http://www.patentstorm.us/patents/6461519-description.html> - 34k - Cached - Similar pages

Semiconductors

Water operations, from pumping **water** through the plant, to making the **Ultra Pure**

Water (UPW) necessary for **semiconductor manufacturing** requires a great deal ...

<http://www.p2pays.org/ref%255C04/03271.htm> - 138k - Cached - Similar pages

Science Links Japan | Semiconductor manufacturing equipment ...

Semiconductor manufacturing equipment responsive to new materials and new ...

This cleaning method uses very little chemical solution and **pure water** and is ...

<http://sciencelinks.jp/j-east/article/199911/000019991199A0315577.php> - 9k - Cached - Similar pages

Mechanisms for synergistic oxidation of organics in ultrapure

...

semiconductor manufacturing has been rising with the in- ties in the recycle

and reclaim loops of ultra-pure water plants," Clean ...

<http://ieeexplore.ieee.org/iel5/66/17964/00827334.pdf> - Similar pages

HORIBA : Inline Particle Sensor for Ultra-Pure Water / PLCA-800 Series

Ultra-pure water control in the **semiconductor manufacturing** process. .

Ultra-pure

water control in the LC **manufacturing** process. . Ultra-pure water control

...

http://www.jp.horiba.com/semicon_e/plca-800_2/ - 23k - Cached - Similar pages

Pure Water Systems, Inc. - BEV Water Filters, Water Purification ...

Pure Water Systems water filters produce 100% pure drinking water for ... used to

purify water for drug or **semiconductor manufacturing**—both of which require ...

<http://www.purewatersystems.com/> - Similar pages

Effective Utilization Technology for Ultra Purewater, Chemical ...

treatment, collection, regeneration, and reuse for ultra purewater, chemical liquids

and waste materials at our **semiconductor. manufacturing** plants have ...

<http://www.oki.com/en/otr/downloads/otr-188-06.pdf> - - Cached - Similar pages

Electrodeionization for Water Recycling in Semiconductor Manufacturing

Energy and Water Efficiency for Semiconductor Manufacturing ...

Introduction of

Ultra Pure Water Close System into Semiconductor Plant ...

<http://home.pacbell.net/rparker8/edi.htm> - 22k - Cached - Similar pages

Reliability of TOC Results In Ultra-Pure Water Analysis (.pdf) On ...

Semiconductor manufacturing processes have some of the most stringent specifications for ionic contamination in pure water systems